

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the [Soil Survey Manual](#) and many of the technical terms used in the description are defined in [Soil Taxonomy](#).

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Classification of the Soils

Soil name	Family or higher taxonomic class
Alred-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudalfs
Bardley-----	Very-fine, mixed, active, mesic Typic Hapludalfs
Bearthicket-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Bendavis-----	Loamy-skeletal, siliceous, active, mesic Typic Hapludults
Blueye-----	Fine, mixed, active, mesic Typic Argiudolls
Britwater-----	Fine-loamy, mixed, active, mesic Typic Paleudalfs
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Clarksville-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudults
Creldon-----	Fine, mixed, active, mesic Oxyaquic Fragiudalfs
Dapue-----	Fine-silty, mixed, active, mesic Fluventic Hapludolls
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfs
Hartville-----	Fine, mixed, active, mesic Aquic Hapludalfs
Kaintuck-----	Coarse-loamy, siliceous, superactive, nonacid, mesic Typic Udifluvents
Lowassie-----	Fine, smectitic, mesic Vertic Epiaquic
Mano-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Moko-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Plato-----	Fine, mixed, active, mesic Aquic Fragiudalfs
Pomme-----	Fine-loamy, mixed, semiactive, mesic Typic Paleudalfs
Poynor-----	Loamy-skeletal over clayey, siliceous, semiactive, mesic Typic Paleudults
Racket-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Rueter-----	Loamy-skeletal, siliceous, active, mesic Typic Paleudalfs
Tanglenook-----	Fine, mixed, superactive, mesic Typic Argiaquolls
Tonti-----	Fine-loamy, mixed, active, mesic Typic Fragiudults
Viraton-----	Fine-loamy, siliceous, active, mesic Oxyaquic Fragiudalfs
Wilderness-----	Loamy-skeletal, siliceous, active, mesic Oxyaquic Fragiudalfs
Winnipeg-----	Fine-silty, mixed, active, mesic Typic Paleudalfs